

### **Amendments to the Claims**

Claim 1 (previously presented): A process for purifying  $\text{CF}_3\text{CFHCF}_3$  comprising distilling a mixture comprising  $\text{CF}_3\text{CFHCF}_3$ ,  $\text{CF}_3\text{CF}_2\text{CF}_2\text{H}$ , and at least one chlorofluorocarbon to form a solution comprising  $\text{CF}_3\text{CFHCF}_3$ .

Claim 2 (previously presented): The process of claim 1 wherein the at least one chlorofluorocarbon comprises  $\text{C}_3\text{ClF}_7$ .

Claim 3 (previously presented): The process of claim 1 wherein the mixture comprises a mole ratio of the chlorofluorocarbon to the  $\text{CF}_3\text{CFHCF}_3$  of from about 0.1 to about 10.

Claim 4 (previously presented): The process of claim 3 wherein the mixture comprises a mole ratio of the chlorofluorocarbon to the  $\text{CF}_3\text{CFHCF}_3$  of at least about 1:2.

Claim 5 (previously presented): A process for purifying chlorofluorinated compounds comprising:

providing a reaction product comprising HCl, HF, and a C-3 chlorofluorinated compound;

phase separating the reaction product into three phases; a gas phase comprising the HCl, a top liquid phase comprising the HF, and a bottom liquid phase comprising the C-3 chlorofluorinated compound; and

removing the bottom liquid phase to form a solution comprising the C-3 chlorofluorinated compound.

Claim 6 (previously presented): The process of claim 5 wherein the C-3 chlorofluorinated compound comprises  $C_3F_7Cl$ .

Claim 7 (previously presented): The process of claim 5 wherein the phase separating comprises altering the reaction product temperature to a temperature of from about 20°C to about 75°C.

Claim 8 (previously presented): The process of claim 7 wherein the temperature is about 25°C.